

INTERNATIONAL SEARCH REPORT

Internation Application No
PCT/IB2004/052932

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F5/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/078328 A1 (HOFSTEE H. PETER) 20 June 2002 (2002-06-20) figures 2,4,5	1-9
A	WO 02/35346 A (THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; SINGH, MO) 2 May 2002 (2002-05-02) figures 2,4,8,10-12,15,17,18	1-9
A	WO 01/82064 A (THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; SINGH, MO) 1 November 2001 (2001-11-01) figures 1,3,5,6,8	1-9
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

31 March 2005

Date of mailing of the international search report

13/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Pfab, S

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/IB2004/052932

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SINGH M ET AL: "MOUSETRAP: ultra-high-speed transition-signaling asynchronous pipelines" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON COMPUTER DESIGN. (ICCD). AUSTIN, TX, SEPT. 23-26, 2001, INTERNATIONAL CONFERENCE ON COMPUTER DESIGN, LOS ALAMITOS, CA : IEEE COMP. SOC, US, 23 September 2001 (2001-09-23), pages 9-17, XP010560958 ISBN: 0-7695-1200-3 the whole document</p>	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No
PCT/IB2004/052932

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002078328	A1	20-06-2002	NONE	
WO 0235346	A	02-05-2002	AU 9298001 A	06-05-2002
			CA 2424572 A1	02-05-2002
			CN 1471668 A	28-01-2004
			EP 1330706 A1	30-07-2003
			WO 0235346 A1	02-05-2002
WO 0182064	A	01-11-2001	AU 5564001 A	07-11-2001
			CA 2407491 A1	01-11-2001
			CN 1432152 A	23-07-2003
			EP 1277110 A2	22-01-2003
			JP 2003532188 T	28-10-2003
			WO 0182064 A2	01-11-2001
			US 2004025074 A1	05-02-2004